Figure 1 Human Resistin Polynucleotide (SEQ ID NO: 1)

ATGAAAGCTCTCTGTCTCCTCCTCCTCCCTGTCCTGGGGCTGTTGGTGTCTAGCAAGACCCT
GTGCTCCATGGAAGAAGCCATCAATGAGAGGATCCAGGAGGTCGCCGGCTCCCTAATATTTA
GGGCAATAAGCAGCATTGGCCTGGAGTGCCAGAGCGTCACCTCCAGGGGGGACCTGGCTACT
TGCCCCCGAGGCTTCGCCGTCACCGGCTGCACTTGTGGCTCCGCCTGTGGCTCGTGGGATGT
GCGCGCCGAGACCACATGTCACTGCCAGTGCGCGGGCATGGACTGGACCGGAGCGCGCTGCT
GTCGTGTGCAGCCCTGA

Figure 2 Human Resistin Polypeptide (SEQ ID NO: 2)

MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLECQSVTSRGDLAT
CPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTGARCCRVQP*

Figure 3 Mature Human Resistin Polypeptide (SEQ ID NO: 3)

KTLCSMEEAINERIQEVAGSLIFRAISSIGLECQSVTSRGDLATCPRGFAVTGCTCGSACGS
WDVRAETTCHCQCAGMDWTGARCCRVQP*

Figure 4 Clustal W Alignment of Resistin-like Proteins

```
WO9858061        100.0% MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
WO9911293         99.1% MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
resistin         100.0% MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
WO0005259         99.1% MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE
WO9931236         96.3% MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGRG
consensus/100%         MKALCLLLLPVLGLLVSSKTLCSMEEAINER.QEVAGSLIFRAISSIGXX
consensus/80%          MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLE

WO9858061        100.0% CQSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
WO9911293         99.1% CQSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
resistin         100.0% CQSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
WO0005259         99.1% CQSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
WO9931236         96.3% SESVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
consensus/100%         XXSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG
consensus/80%          CQSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQCAGMDWTG

WO9858061        100.0% ARCCRVQP-      (SEQ ID NO: 2)
WO9911293         99.1% ARCCRVQP-      (SEQ ID NO: 4)
resistin         100.0% ARCCRVQP-      (SEQ ID NO: 2)
WO0005259         99.1% ARCCRVQP-      (SEQ ID NO: 5)
WO9931236         96.3% ARCCRVQP-      (SEQ ID NO: 6)
consensus/100%         ARCCRVQP.      (SEQ ID NO: 7)
consensus/80%          ARCCRVQP       (SEQ ID NO: 2)
```

Figure 5

Alignment of rat, mouse and human resistin proteins.

```
rat                  1  MKNLSFLLLFLFFLVLGLLG 20
mouse                   MKNLSFPLLFLFFLVPELLG
human                1  MKALCLLLLPV--LG--LLV 16

rat                 21  PSMSLCPMDEAISKKINQDF 40
mouse                   SSMPLCPIDEAIDKKIKQDF
human               17  SSKTLCSMEEAINERIQEVA 36

rat                 41  SSLLPAAMKNTVLHCWSVSS 60
mouse                   NSLFPNAIKNIGLNCWTVSS
human               37  GSLIFRAISSIGLECQSVTS 56

rat                 61  RGRLASCPEGTTVTSCSCGS 80
mouse                   RGKLASCPEGTAVLSCSCGS
human               57  RGDLATCPRGFAVTGCTCGS 67

rat                 81  GCGSWDVREDTMCHCQCGSI 100
mouse                   ACGSWDIREEKVCHCQCARI
human               77  ACGSWDVRAETTCHCQCAGM 96

rat                101  DWTAARCCTLRVGS        114  (SEQ ID NO: 13)
mouse                   DWTAARCCKLQVAS            (SEQ ID NO: 14)
human               97  DWTGARCCRVQP          108  (SEQ ID NO: 2)
```

Figure 6

Hematopoietic Cell Differentiation Scheme